

# General Environmental Incident Summary

**Incident:** 1998      **Date/Time Notice:** 7/25/2013      1030      **DEM Incident No:**

**Responsible Party:** Farmers' Union

**Date Incident:** 7/24/2013      **Time Incident:** 1500      **Duration:**

**County:** Burke      **Twp:** 163      **Rng:** 89      **Sec:** 10      **Qtr:** SE SE SE

**Lat:** 48.95186      **Long:** -102.19600      **Method:** Navigation quality GPS

**Location Description:** Intersection of 106th Street and 68th Avenue in Burke County.

**Submitted By:** Norman Rosendahl

**Affiliation:**

**Address:**

**City:**

**State:**

**Zip:**

**Received By:** Emily Tintes Schiwal

**Contact Person:** Norman Rosendahl  
43600 U.S. Hwy 52  
Kenmare, ND 58746

**Distance Nearest Occupied Building:**

**Type of Incident:** Vehicle Accident

**Description of Released Contaminant:** Mixture of 2,4-D, Roundup, and water.

**Volume Spilled:** 1201.00 gallons

**Ag Related:** Yes

**EPA Extremely Hazardous Substance:** Yes

**Reported to NRC:** Unknown

**Cause of Incident:**

The semi driver did not see the sprayer truck and the collision caused both vehicles to roll into the ditch. The tank on the sprayer truck was thrown into the ditch and ruptured, causing all contents to leak into the ditch.

**Risk Evaluation:**

The contaminated soils should be handled wearing proper PPE and normal safety precautions used when handling herbicidal mixtures.

**# of Fatalities:**

**# of Injuries:** 2

**Affected Medium:** 03 - soil

**Potential Environmental Impacts:**

No waterways are present in the area of the spill. Soils are to be excavated prior to any rain event as to prevent leaching.

**Action Taken or Planned:**

The sprayer truck is owned by Farmers' Union in Kenmare. According to Norm Rosendahl, Safety Officer, they will excavate the soils in the ditch and land apply them with a manure spreader. After excavation, soil samples will be collected to ensure proper cleanup.

**Wastes Disposal Location:** The mixture is dilute enough as to not classify the 2,4-D as a hazardous waste. The excavated, contaminated soils will be land applied with a manure spreader.

**Agencies Involved:** NDDDES, Local Law Enforcement

## Updates

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**Date:** 7/25/2013    **Status:** Inspection

**Author:** Roberts, Kris

### Updated Volume:

#### Notes:

7/25/13 - 16:30 on location. Kenmare Farmers Union personnel and local farmers on location with rubber mount backhoe and PTO trailer type manure spreader. Fluid loss from sprayer contained in approximately 50 feet of south E-W road ditch at intersection of 106th St NW and 68th Ave NW. GPS - Intersection center 48deg57min06.7secN, -102deg11min45.4secW; west end of spill extent 48deg57min07.2secN, -102deg11min45.9secW. Contaminate soil was being spread on Prevent Plant field to the NE of the intersection by the manure spreader. PP field is low, but higher, flat ground all around, so contamination of state waters unlikely at so low a concentration. FU using odor as a guide in excavation, and will collect confirmation sample when complete.

Inspected N-S road ditch, in same intersection corner, where brine hauler truck overturned. According to FU rep on location, there was minimum leakage of produced water from the truck before it was uprighted and removed. FU rep was an eye witness to the accident, and was there throughout the initial response.

Inspection of the truck landing area confirmed little fluid impacts from any of the truck fluids or produced water. No cleanup is needed there. This intersection is remote. No residences or farm building within 1 mile or more from the location, only an oil well pad in the NW corner of the intersection.

Left location 17:40.

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**Date:** 7/25/2013    **Status:** Reviewed - Follow-up Required

**Author:** Stockdill, Scott

### Updated Volume:

#### Notes:

Spill impacted surrounding soil, follow up required according to report. Kris Roberts will be on location in the afternoon of 7/25/2013.

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**Date:** 4/13/2016    **Status:** Inspection

**Author:** Wax, Pete

### Updated Volume:

#### Notes:

On site 12:22. 15 mph wind from the SW, 63 degrees, and clear skies. Inspected all the ditches within 1/4 mile of the reported intersection, and all were 100 percent vegetated with healthy grasses. Recommend no further action. Off site 12:44.